

\$GP2834

A-68185-1/ENB

CERTIFICATE OF MAILING (37 CFR 1.8(A))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 on April 1, 2003

Signed:   
Laura Lee Mosier

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: JOHN H. JERMAN et al.		Group Art Unit:	2834
Serial No.	09/911,548	Examiner:	Le, Dang D.
Filed:	July 24, 2001		
For:	MICROMECHANICAL DEVICE	Date:	April 1, 2003

AMENDMENT TRANSMITTAL

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Transmitted herewith is:

- ☒ Amendment;
- ☒ a one month extension request is hereby sought;
- ☐ Other:

The fees have been calculated as shown below:

	Claims Remaining After Amendment	Minus	Highest Previously Paid For	Present Extra	Small Entity Rate Fee	OR	Other than a Small Entity Rate Fee
Total Claims	58	-	71		x 9 = \$		x 18 = \$
Indep Claims	11	-	14		x 42 = \$		x 84 = \$
	[ ] Multiple Dependent Claim Presented and Fee not Previously Paid				+140 = \$		+280 = \$
					TOTAL \$-0-		TOTAL \$ -0-

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04/08/2003 AADOF01 00000051 09911548  
01 FC:2251 55.00 OP

**Total Additional Claims Fee:****\$ - 0 -**

	<u>Small Entity</u>		<u>Large Entity</u>
<input checked="" type="checkbox"/> One month	\$ 55.00	<input type="checkbox"/> One month	\$ 110.00
<input type="checkbox"/> Two months	\$205.00	<input type="checkbox"/> Two months	\$ 410.00
<input type="checkbox"/> Three months	\$465.00	<input type="checkbox"/> Three months	\$ 930.00
<input type="checkbox"/> Four months	\$725.00	<input type="checkbox"/> Four months	\$ 1,450.00
<input type="checkbox"/> Five months	\$985.00	<input type="checkbox"/> Five months	\$ 1,970.00

Extension of Time Fee: **\$ 55**

- ☐ Fee regarding Information Disclosure Statement:  
☐ Fee Under 37 CFR 1.17(p) \$  
☐ Petition Fee Under 37 CFR 1.17(i) \$

Total Information Disclosure Statement Fee: **\$ 0**

- ☐ Other fees (list individually): **\$ 0**


**Total Other Fees: \$ 0.00****TOTAL FEES: \$ 55.00**

- ☒ A check including the amount of the above indicated TOTAL FEES is attached.  
☐ Please charge Deposit Account No. 50-2319 in the amount of \$ \_\_\_\_\_.  
☐ No fee is required.  
☒ The Commissioner is hereby authorized to charge any underpayment of the fees associated with this communication under 37 C.F.R. §1.20(d), including any necessary fees for extension of time, or credit any overpayment to Deposit Account No. 50-2319: (A-68185-1/ENB).

Respectfully submitted,

DORSEY &amp; WHITNEY LLP

By

  
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JOHN H. JERMAN et al.  
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For: MICROMECHANICAL DEVICE

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Atty Docket No. A-68185-1/ENB

Date: April 1, 2003

AMENDMENT

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

This Amendment is in response to the Office Action mailed December 12, 2002.

IN THE CLAIMS

Amend the following claims to read:

57. (Twice Amended) An electrostatic microactuator comprising a substantially planar substrate, a rotatable member overlying the substrate for rotation about an axis of rotation extending perpendicular to the substrate, first and second linear micromotors for imparting substantially linear motion and a first coupler for connecting the first linear micromotor to the rotatable member and a second coupler for connecting the second micromotor to the rotatable member so as to utilize the substantially linear motion of the first and second micromotors for rotating the rotatable member about the axis of rotation.

60. (Amended) The microactuator of Claim 57 wherein the first and second couplers comprise first and second flexural couplers.

87. (Amended) The device of Claim 86 wherein the first and second flexure members extend substantially radially from the axis of rotation at an angle to each other.

Add Claim 96:

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